NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
of work done SPot				
Road				

Thw 25/11/2014

ಸಹಾಯಕ ... ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ವಲಯ ವಿಭಾಗ,

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. BR-456/31-1-15

251414

Name of Work Providing covering slabs for Existing drains behind Venugopalswamy Temple in ward No-20 C Doddabommasandra) From ... To ...

Name of Contractor or nature of Agency Sri. K.V. Subhareddy.

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No:- 010-15-000034.						
	Agreement No:- 159 Dated 23-12-2014.						
	Work order No:- EE/BTP/BBMP/E-PMT/159/2014-15, Date 23-12-2014.						
	Address of Agency:- No 106/B, Ashwathanagara, RMV 2nd stage, Bangalore-94						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc						
		1	10.00	0.60	0.35 =	2.10 Cum	
		1	6.90	0.60	0.30 =	1.24 Cum	
		1	25.00	0.60	0.25 =	3.75 Cum	
		1	9.40	0.60	0.30 =	1.69 Cum	
		1	4.80	0.60	0.25 =	0.72 Cum	
		1	23.40	0.60	0.20 =	2.81 Cum	
		1	30.00	1.00	0.25 =	7.50 Cum	
		1	9.60	1.00	0.35 =	3.36 Cum	
		1	10.80	0.60	0.30 =	1.94 Cum	
		1	20.60	1.00	0.35 =	7.21 Cum	

M. A. R
Meas

Serial No. .....
Name of Work ..... From...
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	New Drain	1
		1
		1
		1
		1
		1
		1
		1
		1
		1
		1

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	Hard soil involving an average		
	erage lift upto 0.5m, excavated		
	the disposed earth to be leveled		
	0.35 = 2.10 cum		
	0.30 = 1.24 cum		
	0.25 = 3.75 cum		
	0.30 = 1.69 cum		
	0.25 = 0.72 cum		
	0.20 = 2.81 cum		
	0.25 = 7.50 cum		
	0.35 = 3.36 cum		
	0.30 = 1.94 cum		
	0.35 = 7.21 cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

251415

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.00	1.00	0.25 =	3.75 cum	
		1	15.30	1.00	0.35 =	5.36 cum	
		1	15.00	0.60	0.25 =	2.25 cum	
		1	23.70	1.00	0.25 =	5.93 cum	
		1	9.80	0.60	0.35 =	2.06 cum	
		1	15.00	0.60	0.25 =	2.25 cum	
		1	11.60	1.00	0.30 =	3.48 cum	
	New Drain	1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	721.62 Sqm	
		Qty limited to Tender =				705.00 Sqm	
		@ RS 284.61				RS 200650.00	
4)	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C. works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffolding to cement concrete M-20 (1:1.5:3) for raft foundation. Column footing, main and Secondary beams.						
	Vent concrete	1	10.00	0.60	0.10 =	0.60 Cum.	
		1	6.90	0.60	0.10 =	0.41 Cum	
		1	25.00	0.60	0.10 =	1.50 Cum	
		1	9.40	0.60	0.10 =	0.56 Cum	

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3

ENT BOOK

imensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
			Total = 721.62 Sqm	
d to			Tender = 705.00 Sqm	
84.61			RS 200650.00	
using 20mm and down size granite				
) for R.C.C. works laid in 15cms thick				
ng, curing, finishing with necessary				
ftlongs to cement concrete M-20				
mn footing, main and Secondary beams.				
0	0.60	0.10 =	0.60 cum	
0	0.66	0.10 =	0.41 cum	
0	0.60	0.10 =	1.50 cum	
0	0.60	0.10 =	0.56 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

251419

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	4.80	0.60	0.10 =	0.29 cum	
		1	23.40	0.60	0.10 =	1.40 cum	
		1	30.00	1.20	0.10 =	3.60 cum	
		1	9.60	1.20	0.10 =	1.15 cum	
		1	10.80	0.60	0.10 =	0.65 cum	
		1	20.60	1.20	0.10 =	2.47 cum	
		1	15.30	1.20	0.10 =	1.84 cum	
		1	15.00	0.60	0.10 =	0.9 cum	
		1	23.70	1.20	0.10 =	2.84 cum	
		1	9.80	0.60	0.10 =	0.59 cum	
		1	15.00	0.60	0.10 =	0.90 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side wall	1	11.60	1.20	0.10 =	1.39 cum	
		2	15.00	0.15	0.60 =	2.70 cum	
	covering slab	1	10.00	0.80	0.10 =	0.80 cum	
		1	6.90	0.70	0.10 =	0.48 cum	
		1	25.00	0.90	0.10 =	2.25 cum	
		1	9.40	0.90	0.10 =	0.85 cum	
		1	4.80	1.80	0.23 =	1.99 cum	
		1	23.40	0.90	0.10 =	2.11 cum	
		1	30.00	1.30	0.15 =	5.85 cum	
		1	9.60	1.30	0.15 =	1.87 cum	
		1	10.80	0.90	0.10 =	0.97 cum	
		1	20.60	1.45	0.15 =	4.48 cum	
		1	15.30	1.50	0.15 =	3.44 cum	
		1	15.00	0.90	0.10 =	1.35 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	For New Drain	
	Side wall	

BOOK

...ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1.20	0.10 =	1.39 cum	
0.15	0.60 =	2.70 cum	
0.80	0.10 =	0.80 cum	
0.70	0.10 =	0.48 cum	
0.90	0.10 =	2.25 cum	
0.90	0.10 =	0.85 cum	
1.80	0.23 =	1.99 cum	
0.90	0.10 =	2.11 cum	
1.30	0.15 =	5.85 cum	
1.30	0.15 =	1.87 cum	
0.90	0.10 =	0.97 cum	
1.45	0.15 =	4.48 cum	
1.50	0.15 =	3.44 cum	
0.90	0.10 =	1.35 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251420

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	For New Drain	1	23.70	1.20	0.15 =	4.27 cum	
		1	9.80	0.90	0.10 =	0.88 cum	
		1	15.00	0.90	0.10 =	1.35 cum	
		1	11.60	1.40	0.10 =	1.62 cum	
		1	30.00	0.90	0.15 =	4.05 cum	
		1	30.00	0.90	0.15 =	4.05 cum	
		1	30.00	0.90	0.15 =	4.05 cum	
		1	30.00	0.90	0.15 =	4.05 cum	
		1	30.00	0.90	0.15 =	4.05 cum	
		1	22.00	0.90	0.15 =	2.97 cum	
	Side wall	2	30.00	0.18	0.60 =	5.40 cum	
		2	30.00	0.15	0.65 =	5.85 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Covering slab	2	30.00	0.15	0.60	= 5.40 Cum	
		2	30.00	0.15	0.60	= 5.40 Cum	
		2	30.00	0.15	0.60	= 5.40 Cum	
		1	22.00	0.15	0.60	= 1.98 Cum	
		1	30.00	0.90	0.10	= 2.70 Cum	
		1	30.00	0.90	0.10	= 2.70 Cum	
		1	30.00	0.90	0.10	= 2.70 Cum	
		1	30.00	0.90	0.10	= 2.70 Cum	
		1	30.00	0.90	0.10	= 2.70 Cum	
		1	22.00	0.90	0.10	= 1.98 Cum	
					Total	= 126.49 Cum	
		Qty limited to Tender				= 125.60 Cum	
		@ Rs 5921.18					Rs 743700.00

CC-I

31/1/2015

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
5)	providing T.M.T Steel re... Cutting, bending, hooking, ... wherever required, tying ... members wherever necessary	
	Qty vide Page no 25/49 ... Premeasurement of this ...	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.15	0.60 =	5.40 cum	
0.15	0.60 =	5.40 cum	
0.15	0.60 =	5.40 cum	
0.15	0.60 =	1.98 cum	
0.90	0.10 =	2.70 cum	
0.90	0.10 =	2.70 cum	
0.90	0.10 =	2.70 cum	
0.90	0.10 =	2.70 cum	
0.90	0.10 =	2.70 cum	
0.90	0.10 =	1.98 cum	
Total =		126.49 cum	
Tender =		125.60 cum	
.18		RS 743700.00	

C&TL

31/1/2015

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251421

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	5) providing T.M.T Steel reinforcement for R.C.C work including Straightening Cutting, bending, hooking, placing in position lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design.						
	qty vide Page no 251492 to 494 Preneasurement of this M.B No- 2515					Total = 113.04 qtl	
						@ RS 7450.92	RS 884280.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Lead for Disposal of Debris shall be Payable at Carriage rates by Mechanical means including loading and unloading etc complete as Per Specifications and direction of engineer in charge of the works. Qty Vide Item no-01 @ RS 76.34					= 135.36 cum RS 10333.00 Total RS 20,76723.00	
	(-: Rupees twenty Lakhs Seventy Six thousand Seven hundred twenty three only)						

Sd/-
31/1/2015
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ನಲಾಗು

Zadhav
31/1/2015.

Serial No. .....
Name of Work ..... (8,07,317
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Certificate:- Certified that the materials issued fo	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8

e Payable at Carriage rates by
g and unloading etc complete as Per
ngineer in charge of the work.
no of = 135.36 Cum
RS 10333.00

Total RS 2,07723.00

Six thousand Seven hundred

Jadhav
31/1/2015.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251422

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:-						

Certified that the above work done satisfactory and no materials issued from departmentally

Jadhav
AE 31/1/2015

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬ. ಬೆಂ. ಮ ಸಾ. ಬೆಂಗಳೂರು-97